

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|--------|---|--------------|------------------|---------|------------------|
| S1 | 415117 | wash washing washed elutriate elutriated elutriating | USPAT | OR | OFF | 2004/05/06 15:06 |
| S2 | 395679 | clean cleaned cleaning | USPAT | OR | OFF | 2004/05/06 15:06 |
| S3 | 62607 | coal coke coking | USPAT | OR | OFF | 2004/05/06 15:06 |
| S4 | 130 | S1 with S2 with S3 | USPAT | OR | OFF | 2004/05/06 15:06 |
| S5 | 170635 | binder binders | USPAT | OR | OFF | 2004/05/06 15:06 |
| S6 | 0 | S4 with S5 | USPAT | OR | OFF | 2004/05/06 15:06 |
| S7 | 0 | S4 same S5 | USPAT | OR | OFF | 2004/05/06 15:07 |
| S8 | 23596 | tar | USPAT | OR | OFF | 2004/05/06 15:07 |
| S9 | 13 | S4 with S8 | USPAT | OR | OFF | 2004/05/06 15:08 |
| S10 | 22779 | metallurgical | USPAT | OR | OFF | 2004/05/06 15:08 |
| S11 | 25 | S4 and S10 | USPAT | OR | OFF | 2004/05/06 15:08 |
| S12 | 1 | ("4352720").PN. | USPAT; USOCR | OR | OFF | 2004/05/06 15:05 |
| S13 | 16176 | pyrolyzer pyrolysis pyrolyzing | USPAT | OR | OFF | 2005/06/08 17:09 |
| S14 | 157565 | condenser condensing condense condenses | USPAT | OR | OFF | 2002/12/19 16:31 |
| S15 | 124662 | binder | USPAT | OR | OFF | 2002/12/19 15:40 |
| S16 | 489 | (pyrolyzer pyrolysis pyrolyzing) and (condenser condensing condense condenses) and binder | USPAT | OR | OFF | 2002/12/19 15:40 |
| S17 | 21874 | tar | USPAT | OR | OFF | 2002/12/19 15:40 |
| S18 | 21392 | coke | USPAT | OR | OFF | 2002/12/19 15:40 |
| S19 | 48 | tar and coke and ((pyrolyzer pyrolysis pyrolyzing) and (condenser condensing condense condenses) and binder) | USPAT | OR | OFF | 2002/12/19 16:20 |
| S20 | 249 | (condenser condensing condense condenses) with tar | USPAT | OR | OFF | 2002/12/19 16:32 |
| S21 | 29 | (pyrolyzer pyrolysis pyrolyzing) and ((condenser condensing condense condenses) with tar) and coke | USPAT | OR | OFF | 2002/12/19 16:20 |
| S22 | 17 | ("4249909" "4396394" "4401436" "4402706" "4421520" "4448666" "4495710" "4498905" "4501551" "4511363" "4533438" "4668244" "4775390" "4783200" "4828576" "4943367" "5087269").PN. | USPAT | OR | OFF | 2002/12/19 16:27 |
| S23 | 3 | "5322530".URPN. | USPAT | OR | OFF | 2002/12/19 16:30 |
| S24 | 206276 | condenser condensing condense condenses condensed | USPAT | OR | OFF | 2002/12/19 16:31 |

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|-----|--------|--|--------------|----|-----|------------------|
| S25 | 462 | (condenser condensing condense condenses condensed) with tar | USPAT | OR | OFF | 2002/12/19 16:32 |
| S26 | 58 | ((condenser condensing condense condenses condensed) with tar) and (pyrolyzer pyrolysis pyrolyzing) and coke | USPAT | OR | OFF | 2002/12/19 16:32 |
| S27 | 29 | ((condenser condensing condense condenses condensed) with tar) and (pyrolyzer pyrolysis pyrolyzing) and coke) not ((pyrolyzer pyrolysis pyrolyzing) and ((condenser condensing condense condenses) with tar) and coke) | USPAT | OR | OFF | 2002/12/19 16:37 |
| S28 | 1 | ("5041209").PN. | USPAT; USOCR | OR | OFF | 2002/12/19 17:00 |
| S29 | 984842 | separate | USPAT | OR | OFF | 2002/12/19 16:40 |
| S30 | 42246 | recycle reprocess | USPAT | OR | OFF | 2002/12/19 16:40 |
| S31 | 309 | tar with (recycle reprocess) | USPAT | OR | OFF | 2002/12/19 16:40 |
| S32 | 67 | (pyrolyzer pyrolysis pyrolyzing) and (tar with (recycle reprocess)) | USPAT | OR | OFF | 2002/12/19 16:40 |
| S33 | 54 | coke and ((pyrolyzer pyrolysis pyrolyzing) and (tar with (recycle reprocess))) | USPAT | OR | OFF | 2002/12/19 16:40 |
| S34 | 15 | binder and (coke and ((pyrolyzer pyrolysis pyrolyzing) and (tar with (recycle reprocess)))) | USPAT | OR | OFF | 2002/12/19 16:40 |
| S35 | 0 | (("4352720").PN.) and (pyrolyzer pyrolysis pyrolyzing) | USPAT | OR | OFF | 2002/12/19 16:55 |
| S36 | 1 | ("5322530").PN. | USPAT; USOCR | OR | OFF | 2002/12/19 17:00 |
| S37 | 6 | ("2595366" "2955988" "3562783" "3700583" "3705092" "3884796").PN. | USPAT | OR | OFF | 2002/12/19 17:01 |
| S38 | 10 | "2955988".URPN. | USPAT | OR | OFF | 2002/12/19 17:02 |
| S39 | 4101 | carbonize carbonizer carbonizing | USPAT | OR | OFF | 2002/12/23 12:29 |
| S40 | 16176 | pyrolyzer pyrolysis pyrolyzing | USPAT | OR | OFF | 2002/12/23 12:29 |
| S41 | 109 | (carbonize carbonizer carbonizing) with (pyrolyzer pyrolysis pyrolyzing) | USPAT | OR | OFF | 2002/12/23 12:29 |
| S42 | 41 | (carbonize carbonizer carbonizing) near1 (pyrolyzer pyrolysis pyrolyzing) | USPAT | OR | OFF | 2002/12/23 12:31 |
| S43 | 1 | ("2955988").PN. | USPAT; USOCR | OR | OFF | 2002/12/23 13:01 |
| S44 | 10 | "2955988":URPN: | USPAT | OR | OFF | 2002/12/23 12:53 |
| S45 | 21392 | coke | USPAT | OR | OFF | 2002/12/23 13:01 |

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|-----|---------|--|--------------|----|-----|------------------|
| S46 | 1584034 | producer producing produce produced | USPAT | OR | OFF | 2002/12/23 13:02 |
| S47 | 2389 | coke near2 (producer producing produce produced) | USPAT | OR | OFF | 2002/12/23 13:02 |
| S48 | 42473 | coal | USPAT | OR | OFF | 2002/12/23 13:02 |
| S49 | 18887 | fines | USPAT | OR | OFF | 2002/12/23 13:02 |
| S50 | 173 | coke with coal with fines | USPAT | OR | OFF | 2002/12/23 13:02 |
| S51 | 43 | (coke near2 (producer producing produce produced)) and (coke with coal with fines) | USPAT | OR | OFF | 2002/12/23 13:03 |
| S52 | 13 | (pyrolyzer pyrolysis pyrolyzing) and ((coke near2 (producer producing produce produced)) and (coke with coal with fines)) | USPAT | OR | OFF | 2002/12/23 13:21 |
| S53 | 21874 | tar | USPAT | OR | OFF | 2002/12/23 13:21 |
| S54 | 124662 | binder | USPAT | OR | OFF | 2002/12/23 13:21 |
| S55 | 18 | tar with binder with fines | USPAT | OR | OFF | 2002/12/23 14:10 |
| S56 | 1 | ("4352720").PN. | USPAT; USOCR | OR | OFF | 2002/12/23 14:26 |
| S57 | 345186 | synthetic | USPAT | OR | OFF | 2002/12/23 14:27 |
| S58 | 261 | synthetic adj binder | USPAT | OR | OFF | 2002/12/23 14:27 |
| S59 | 1 | (pyrolyzer pyrolysis pyrolyzing) and (synthetic adj binder) | USPAT | OR | OFF | 2002/12/23 14:27 |
| S60 | 18897 | pyrolyzer pyrolysis pyrolyzing pyrolyze | USPAT | OR | OFF | 2005/06/08 17:10 |
| S61 | 839 | coal adj fines | USPAT | OR | OFF | 2005/06/08 17:10 |
| S62 | 272 | (coke coking) adj fines | USPAT | OR | OFF | 2005/06/08 17:11 |
| S63 | 17 | S61 with S62 | USPAT | OR | OFF | 2005/06/08 17:11 |
| S64 | 0 | S60 with S63 | USPAT | OR | OFF | 2005/06/08 17:11 |
| S65 | 0 | S60 same S61 same S62 | USPAT | OR | OFF | 2005/06/08 17:11 |
| S66 | 8 | S60 and S61 and S62 | USPAT | OR | OFF | 2005/06/08 17:11 |